INDEX BY AUTHOR

	Issue No.	Page
Abriel, W. L., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Atasoy, E., Natural Polarization Studies at Balcova Geothermal Field	4	475
Behrens, J., Experimental Evidence of S*-Wave	1	100
Berge, A. M., Acoustic Modeling of the Seafloor	1	11
Berge, A. M., Reply to Comment by D. Taylor Smith	1	143
Berkhout, A. J., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part II: Methods Using the Two-Way Wave Equation	2	147
Berkhout, A. J., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part III: Applications in Modeling, Migration and Inversion	2	180
Beskow, B., Acoustic Modeling of the Seafloor	1	11
Beskow, B., Reply to Comment by D. Taylor Smith	1	143
Bhattacharya, B. B., Quantitative Interpretation of Pulse EM Measurements Over a Weathered Kimberlite Diatreme	2	220
Bhattacharya, B. B., Reply to Comment by N. S. Rajan, N. L. Mohan and M. Narasimha Chary	8	1294
Bleistein, N., Two-and-One-Half Dimensional In-Plane Wave Propagation	5	686
Blondin, E., Detection of Gas Bubble Boundary Movement	1	73
Bodoky, T., Seismic Measurements for Safety in Mines	7	1022
Bowen, A. N., A Comparison of Statistical and Deterministic Wiener Deconvolution of Deep-Tow Seismic Data	3	366
Boyce, J. F., Signal-to-Noise Ratio Enhancement in Seismic Multifold Data using Bayesian Statistics	1	56
Breitzke, M., Love-Type Seam-Waves in Washout Models of Coal Seams	8	1167
Brown, A. R., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Brummitt, J. G., The P400 Watergun Source in the Quest for Improved Resolution at all Depths	5	665
Brummitt, J. G., Why Waterguns	3	302
Buchanan, D. J., The Scattering of SH-Channel Waves by Fault in a Coal Seam	3	343
Burkart, K. D., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Burns, D., A Cross-Hole and Face-to-Borehole In-Seam Seismic Experiment at Invincible Colliery, Australia	1	30
Busby, J. P., Resistivity and IP Modeling of the Three-Array Down-Hole Prospecting Technique	1	130
Carrion, Ph. M., A Layer-Stripping Technique for the Suppression of Water-Bottom Multiple Reflections	3	330
Carrizo, E., On Reverse-Time Migration	6	822
Chyba, J., Some Improvements in the Interpretation of Vertical Electric Sounding Curves	6	913
Crampin, S., Anisotropy and Transverse Isotropy	1	94
Cobcroft, R., Omni-Directional Downhole EM Probes	4	569

INDEX BY AUTHOR

	Issue No.	Page
Abriel, W. L., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Atasoy, E., Natural Polarization Studies at Balcova Geothermal Field	4	475
Behrens, J., Experimental Evidence of S*-Wave	1	100
Berge, A. M., Acoustic Modeling of the Seafloor	1	11
Berge, A. M., Reply to Comment by D. Taylor Smith	1	143
Berkhout, A. J., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part II: Methods Using the Two-Way Wave Equation	2	147
Berkhout, A. J., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part III: Applications in Modeling, Migration and Inversion	2	180
Beskow, B., Acoustic Modeling of the Seafloor	1	11
Beskow, B., Reply to Comment by D. Taylor Smith	1	143
Bhattacharya, B. B., Quantitative Interpretation of Pulse EM Measurements Over a Weathered Kimberlite Diatreme	2	220
Bhattacharya, B. B., Reply to Comment by N. S. Rajan, N. L. Mohan and M. Narasimha Chary	8	1294
Bleistein, N., Two-and-One-Half Dimensional In-Plane Wave Propagation	5	686
Blondin, E., Detection of Gas Bubble Boundary Movement	1	73
Bodoky, T., Seismic Measurements for Safety in Mines	7	1022
Bowen, A. N., A Comparison of Statistical and Deterministic Wiener Deconvolution of Deep-Tow Seismic Data	3	366
Boyce, J. F., Signal-to-Noise Ratio Enhancement in Seismic Multifold Data using Bayesian Statistics	1	56
Breitzke, M., Love-Type Seam-Waves in Washout Models of Coal Seams	8	1167
Brown, A. R., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Brummitt, J. G., The P400 Watergun Source in the Quest for Improved Resolution at all Depths	5	665
Brummitt, J. G., Why Waterguns	3	302
Buchanan, D. J., The Scattering of SH-Channel Waves by Fault in a Coal Seam	3	343
Burkart, K. D., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Burns, D., A Cross-Hole and Face-to-Borehole In-Seam Seismic Experiment at Invincible Colliery, Australia	1	30
Busby, J. P., Resistivity and IP Modeling of the Three-Array Down-Hole Prospecting Technique	1	130
Carrion, Ph. M., A Layer-Stripping Technique for the Suppression of Water-Bottom Multiple Reflections	3	330
Carrizo, E., On Reverse-Time Migration	6	822
Chyba, J., Some Improvements in the Interpretation of Vertical Electric Sounding Curves	6	913
Crampin, S., Anisotropy and Transverse Isotropy	1	94
Cobcroft, R., Omni-Directional Downhole EM Probes	4	569

	Issue No.	Page
Csókás, J., Geolectric Determination of Quality Changes and Tectonic Disturbances in Coal Deposits	7	1067
Cull, J. P., Omni-Directional Downhole EM Probes	4	569
Dabek, Z. K., Resistivity and IP Modeling of the Three-Array Down-Hole Prospecting Technique	1	130
Dasgupta, S. P., Reply to Comment by D. Patella	7	1134
Dhanasekaran, P. C., Electromagnetic Sounding of Kapurdi Lignite Deposit in Western Rajasthan, India	4	580
Dianiska, L., Seismic Measurements for Safety in Mines	7	1022
Dimri, V. P., On the Time-Varying Wiener Filter	6	904
Dobróka, M., Geoletric Determination of Quality Changes and Tectonic Disturbances in Coal Deposits	7	1067
Drahor, M., Natural Polarization Studies at Balcova Geothermal Field	4	475
Drivenes, G., Acoustic Modeling of the Seafloor	1	11
Drivenes, G., Reply to Comment by D. Taylor Smith	1	143
Ellender, S. A., Considerations in Estimating the Minimum-Phase Properties of Sampled Data	8	1200
Eloranta, E. H., Potential Field of a Stationary Electric Current Using Fredholm's Integral Equations of the Second Kind	6	856
Enmark, T., An Optimized Digital Filter for the Fourier Transform	6	897
Ercan, A., Natural Polarization Studies at Balcova Geothermal Field	4	475
Fajklewicz, Z., Origin of the Anomalies of Gravity and its Vertical Gradient Over Cavities in Brittle Rock	8	1233
Fokkema, J. T., Comments on "A Simple Exact Method of (3-D) Migration Theory" by H. Jakubowicz and S. Levin—A Note in Favour of "The Myth of Nonseparability of the (3-D) Migration Operator	6	927
Fokkema, J. T., Tutorial: The Progressive Attenuation of High-Frequency Energy in Seismic Reflection Data	7	981
Gazdag, J., On Reverse-Time Migration	6	822
Gelchinsky, B., Phase and Group Time Sections and Possibilities for their Use in Seismic Interpretation of Complex Media	4	508
Ferber, R.-G., Reply to Comment by F. Scherbaum	2	241
Ghosh, N., Low-Pass Filtering of Noisy Field Schlumberger Sounding Curves. Part II: Application	1	124
Greenhalgh, S. A., A Cross-Hole and Face-to-Borehole In-Seam Seismic Experiment at Invincible Colliery, Australia	1	30
Gyulai, Á., Geolectric Determination of Quality Changes and Tectonic Disturbances in Coal Deposits	7	1067
Hake, H., Slant Stacking and its Significance for Anisotropy	4	595
Hall, S. H., Nonlinear Complex Resistivity of Some Nickel Sulphides From Western Australia	8	1255
Haugland, K., Reply to Further Comment by M. H. Safar	6	942
Hayles, J. G., A Portable Local Loop VLF Transmitter for Geological Fracture Mapping	6	873
Hermann, L., Seismic Measurements for Safety in Mines	7	1022
Hosken, J. W. J., The Nature of the Non-Gaussianity of Primary Reflection Coefficients and its Significants for Deconvolution	7	1038
Hoyle, I. B., Computer Techniques for the Zoning and Correlation of Well-Logs	5	648
Hubral, P., Transient Finite Integral Point Source Response from a Planar Acoustic Interface: The Causality Approach	1	1

	Issue No.	Page
Iliceto, V., On the Possibility of the Telluric Method: Some Results on Faulted Structures	7	1082
Ivan, M., On the Upward Continuation of Potential Field Data Between Irregular Surfaces	5	735
Jakubowicz, H., Reply to Comment by J. T. Fokkema, G. J. M. Lörtzer and A. M. Ziolkowski	6	937
Kålmån, T., Seismic Measurements for Safety in Mines	7	1022
Kanestrøm, R., Acoustic Modeling of the Seafloor	1	11
Kanestrøm, R., Reply to Comment by D. Taylor Smith	1	143
Kim, J. Y., Experimental Evidence of S*-Wave	1	100
King, M. S., Experimental Studies of Elastic-Wave Propagation in a Columnar-Jointed Rock Mass	8	1185
Körmendi, A., Seismic Measurements for Safety in Mines	7	1022
Lailly, P., Solution of the VSP One-Dimensional Inverse Problem	7	1002
Landa, E., Phase and Group Time Sections and Possibilities for their Use in Seismic Interpretation of Complex Media	4	508
Lanne, E., Statistical Multivariate Analysis of Airborne Geophysical Data on the SE Border of the Central Lapland Greenstone Complex	7	1111
Levin, S., Reply to Comment by J. T. Fokkema, G. J. M. Lörtzer and A. M. Ziolkowski	6	937
Liang-Zie Hu, Migration of VSP Data by Ray Equation Extrapolation in 2-D Variable Velocity Media	5	704
Lörtzer, G. J. M., Comment on "A Simple Exact Method of (3-D) Migration Theory" by H. Jakubowicz and S. Levin—A Note in Favour of "The Myth of Nonseparability of the (3-D) Migration Operator"	6	927
Lugg, R. D., The P400 Watergun Source in the Quest for Improved Resolution at all Depths	5	665
Lugg, R. D., Why Waterguns?	3	302
Lui, H.-P., Improved Phase-Ellipse Method for In-Situ Geophone Calibration	4	537
Mace, D., Solution of the VSP One-Dimensional Inverse Problem	7	1002
Mahan, M. K., Complex Resistivity of Synthetic Sulphide Bearing Rocks	5	743
Mansinha, L., Reply to Comment by A. Tejero-Andrade, P. Gonzales-Villalvaso and R. Leon-Sanchez	8	1289
Mari, J. L., Detection of Gas Bubble Boundary Movement	1	73
Mason, I., A Cross-Hole and Face-to-Borehole In-Seam Seismic Experiment at Invincible Colliery, Australia	1	30
Milkereit, B., Shear-Wave Reflection Profiling for Near-Surface Lignite Exploration	6	845
Mitchell, A. R., Sampling and Minimum Phase from a Continuous and Discrete Point of View	6	807
McMechan, G. A., Migration of VSP Data by Ray Equation Extrapolation in 2-D Variable Velocity Media	5	704
Nissen, J., An Optimized Digital Filter for the Fourier Transform	6	897
Nissen, J., A Versatile Electromagnetic Modeling Program for 2-D Structures	7	1099
Ogilvy, R. D., Theoretical Transient EM Response Curves over a Thin Dipping Dyke in Free Space—Separated Inline Loop Configuration	5	769
Olorunfemi, M. O., Geophysical Investigation of a Fault-Zone—Case History From Ile-Ife, Southwest Nigeria	8	1277
Pal, B. P., Reply to Comment by D. Patella	7	1134

	Issue No.	Page
Patella, D., Comment on "Electrical Potential due to a Point Current Source over an Inhomogeneous Anisotropic Earth" by Barun Prosad Pal and S. P. Dasgupta	7	1129
Patella, D., Geolectric Axial Dipole Sounding Curves for a Class of Two-Dimensional Earth Structure	3	424
Patella, D., Low-Pass Filtering of Noisy Field Schlumberger Sounding Curves. Part II: Application	1	124
Patella, D., Low-Pass Filtering of Noisy Field Schlumberger Sounding Curves. Part I: Theory	1	109
Peselnick, L., Improved Phase-Ellipse Method for In-Situ Geophone Calibration	4	537
Poddar, M., Electromagnetic Sounding of Kapurdi Lignite Deposit in Western Rajasthan, India	4	580
Rabbel, W., Shear-Wave Reflection Profiling for Near-Surface Lignite Exploration	6	845
Raghuwanshi, S. S., Resistivity Sounding on a Horizontally Stratified Multi-Layered Earth	3	409
Rai, S. S., In-Loop Pulse EM Response of a Stratified Earth	2	232
Rai, S. S., Quantitative Interpretation of Pulse EM Measurements Over a Weathered Kimberlite Diatreme	2	220
Rajan, N. S., Comment on "A Note on the Use of a Nomogram for Self-Potential Anomalies" by B. B. Bhattacharya and N. Roy	8	1292
Ramm, A. G., Inversion of Induction Logging Measurements	3	293
Redman, J. D., Complex Resistivity of Synthetic Sulphide Bearing Rocks	5	743
Roksandić, M. M., Extended Marine Arrays Versus Simulated Extended Arrays	8	1154
Roudot, M., Testing the TRANSIEL Method in Mineral and Geothermal Exploration	3	445
Roy, A., Some New Magnetic Transformations	8	1219
Safar, M. H., Further Comment on "Interaction Between Airguns" by S. Vaage, B. Ursin and K. Haugland	6	940
Salerno, M., Synthesis of Acoustic Well-Logging Waveforms on an Irregular Grid	8	1145
Santarato, G., On the Possibility of the Telluric Method: Some Results on Faulted Structures	7	1082
Sarma, G. S., In-Loop Pulse EM Response of a Stratified Earth	2	232
Scherbaum, F., Comment on "Stabilization of Normal-Incidence Seismogram Inversion Removing the Noise-Induced Bias" by R.-G. Ferber	2	240
Shrotri, B. S., Low-Pass Filtering of Noisy Field Schlumberger Sounding Curves. Part II: Application	1	124
Shtivelman, V., Phase and Group Time Sections and Possibilities for their Use in Seismic Interpretation of Complex Media	4	508
Sinha, A. K., A Portable Local Loop VLF Transmitter for Geological Fracture Mapping	6	873
Singh, B., Resistivity Sounding on a Horizontally Stratified Multi-Layered Earth	3	409
Singh, R. P., Reply to Comments by D. V. Thiel	6	925
Singh, S., Reflection-Window Mapping of Shallow Bedrock	4	492
Spitz, S., Testing the TRANSIEL Method in Mineral and Geothermal Exploration	3	445
Strangway, D. W., Complex Resistivity of Synthetic Sulphide Bearing Rocks	5	743
Stokes, W. D., Sampling and Minimum Phase from Both a Continuous and Discrete Point of View	6	807

	Issue No.	Page
Stümpel, H., Shear-Wave Reflection Profiling for Near-Surface Lignite Exploration	6	845
Sutton, G. R., A New Approach to the Inversion of Seismic Data	2	208
Taylor Smith, D., Comment on "Acoustic Modeling of the Sea Floor" by A. M. Berge, G. Drivenes, R. Kanestrøm and B. Beskow	1	141
Tejero-Andrade, A., Comment on "Zero-Phase Forward Filters for Resistivity Sounding." by L. Mansinha	8	1285
Thiel, D. V., Comments on "Effect of Inclined Anisotropic Substratum on Magnetotelluric Response" by Ramesh P. Singh	6	923
Thornton, B. S., A New Approach to the Inversion of Seismic Data	2	208
Thybo, H., An Algorithm for Fast Time-Domain Computation of One-Dimensional Synthetic Vertical Seismic Profiles	6	833
Tramacere, A., Geolectric Axial Dipole Sounding Curves for a Class of Two-Dimensional Earth Structures	3	424
Tree, E. L., Why Waterguns?	3	302
Tygel, M., Transient Finite Integral Point Source Response from a Planar Acoustic Interface: The Causality Approach	1	1
Ursin, B., Complete Inversion of Zero-Offset Seismic Data	8	1213
Ursin, B., Reply to Further Comment by M. H. Safar	6	942
Vaage, S., Reply to Further Comment by M. H. Safar	6	942
Wadhwa, R. S., Low-Pass Filtering of Noisy Field Schlumberger Sounding Curves. Part II: Application	1	124
Walden, A. T., The Nature of the Non-Gaussianity of Primary Reflection Coefficients and its Significance for Deconvolution	7	1038
Waltham, D. A., Signal-to-Noise Ratio Enhancement in Seismic Multifold Data using Bayesian Statistics	1	56
Wapenaar, C. P. A., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part II: Methods Using the Two-Way Wave Equation	2	147
Wapenaar, C. P. A., Wave Field Extrapolation Techniques for Inhomogeneous Media which Include Critical Angle Events. Part III: Applications in Modeling, Migration and Inversion	2	180
Wilson, C. R., The Abel–Fourier Method of Hankel Transformation: Applications to Seismic Data	4	545
Wright, R. M., Tuning Effects, Lithological Effects and Depositional Effects in the Seismic Response of Gas Reservoirs	5	623
Ziolkowski, A. M., Comments on "A Simple Exact Method of (3-D) Migration Theory" by H. Jakubowicz and S. Levin—A Note in Favour of "The Myth of Nonseparability of the (3-D) Migration Operator"	6	927
Ziolkowski, A., Tutorial: The Progressive Attenuation of High-Frequency Energy in Seismic Reflection Data	7	981
Ziolkowski, A. M., The Scaling of Airgun Arrays, Including Depth Dependence and Interactions	3	383